Overview

WHAT'S NEW

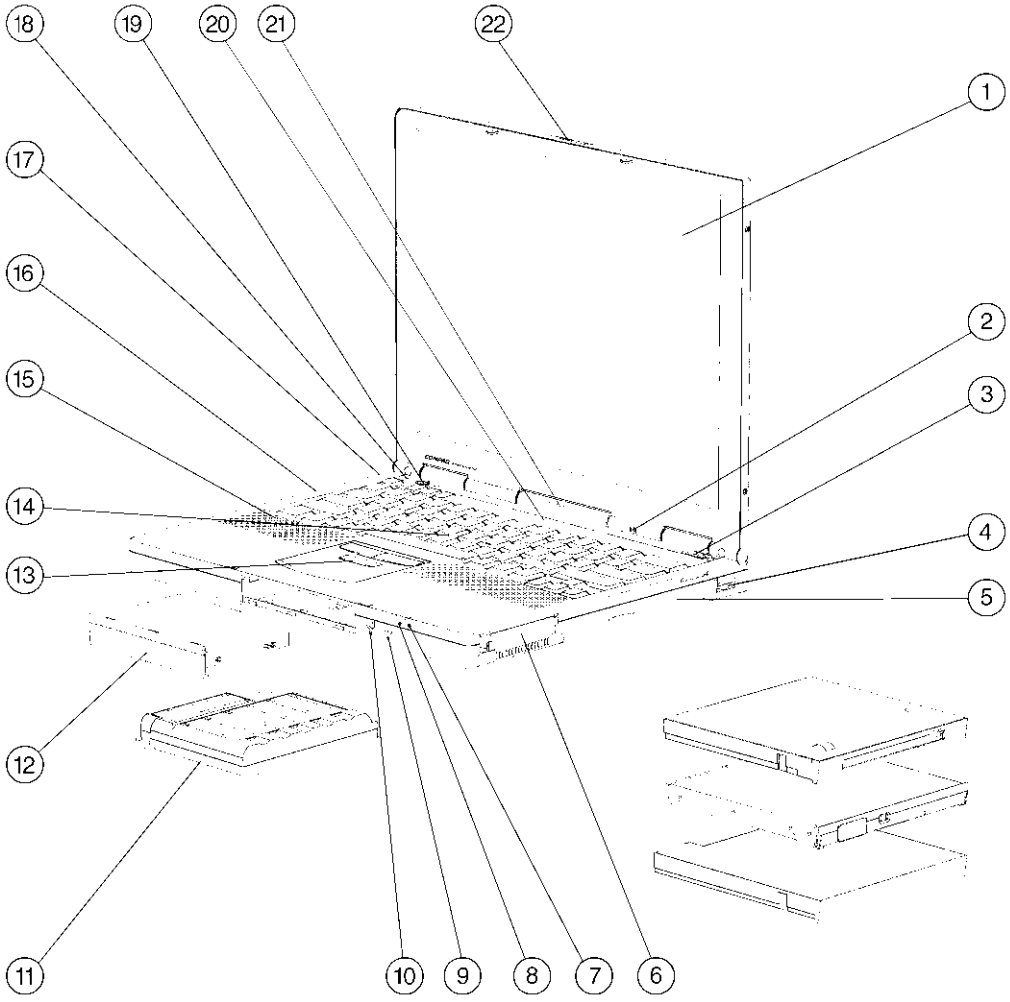
- Intel Mobile Pentium® III 850 MHz processors with SpeedStep™ technology
- Choice of 14.1-inch or 13.3-inch Display Panel
- Up to 20GB Hard Drive
- CD-RW (optional)
- Four Easy Access Internet Buttons
- Armada E and M Common Preinstalled Software

AT A GLANCE

- Intel Mobile Pentium® III 850, 750, 700, 650 MHz processors w/ Intel SpeedStep™ technology
- Configurations as light as 5.1 lbs (2.3 kg)
- 1.2 in (3.1 cm) thin
- 128MB or 64MB SDRAM (100MHz), Upgradeable to 576 MB
- User removable hard drives
- Integrated Mini PCI Modem or Modem NIC combo (select models)
- Full-size keyboard
- Windows 2000/Windows NT 4.0, Windows 98 or Windows 98SE (Single Install)
- Protected by a three-year, worldwide limited warranty — Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details. In Canada, consult the Product Information Centre at 1-888-88-COMPAQ.

WHAT'S SPECIAL

- Thin and light design with integrated MultiBay
- 5.1 lb (2.3 kg) light
- 1.2 in (3.1 cm) thin
- Magnesium display enclosure
- Dual battery support
- Common docking solutions across the Armada E and M Series
- Industry leading PC lifecycle solutions



1. Colour Display
2. Microphone
3. Power Switch
4. RJ-11/RJ-45 ports
5. MultiBay (holds 12.7mm diskette drive, CD-RW, 24X MAX CD-ROM, 8X DVD-ROM, SuperDisk 2X LS-120, second battery, second hard drive)
6. PC Card Slots (2)
7. Battery Charging Light
8. System-On Light
9. Microphone–in port
10. Stereo Speaker/Headphone–out port
11. Primary Battery
12. Primary Hard Drive
13. Left/Right/Third Mouse Buttons
14. 3D Pointing Device
15. Stereo Speakers
16. Cable Lock Connector
17. NTSC/PAL Video Connector
18. Lid Switch
19. Suspend Button
20. Easy Access Internet Buttons
21. System Status LEDs
22. Display Latch

Standard Features

MODELS

Armada M700
Available in multiple configurations

Processor and Panel – One of the following:

14.1-inch colour TFT XGA with 1024 x 768 resolution (up to 16.7M colours internal)
- 850 MHz on Intel Mobile Pentium® III processor
- 750 MHz on Intel Mobile Pentium® III processor
- 700 MHz on Intel Mobile Pentium® III processor
- 650 MHz on Intel Mobile Pentium® III processor

13.3-inch colour TFT XGA with 1024 x 768 resolution (up to 16.7M colours internal)
- 700 MHz on Intel Mobile Pentium® III processor

Note: Intel Mobile Pentium III processors, 650MHz and above, feature Intel SpeedStep™ technology.

Note: Mobile Pentium III processors feature 256KB integrated cache.

Memory

Standard	128 MB 100MHz SDRAM (64MB down on board, 64MB slot one, one slot open)
Maximum	576 MB 100MHz SDRAM

Note: 128 MB memory is standard on the 850 MHz Windows 2000/NT 4.0 (Dual Install) and Windows 98 models and only on the 750 MHz Windows 2000/NT 4.0 (Dual Install) models.

Standard	64 MB 100MHz SDRAM (down on board, two slots open)
Maximum	576 MB 100MHz SDRAM

Note: Due to the non-industry standard nature of some third-party Memory modules, we strongly recommend using only Compaq branded Memory modules to ensure compatibility.

Integrated Communications

Type I Mini PCI
- Compaq 56K (V.90) Modem or
- Compaq 56K (V.90) Modem plus 10/100 NIC

Note: Designed only to allow faster downloads from v.90 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions.

Note: Modem availability is subject to country regulatory approval

Keyboard

102-key compatible keyboard with isolated, inverted-T cursor control keys, and right-control key, special feature hotkeys for instant access to power conservation, QuickLock/QuickBlank(ex: FN+F6), toggle between internal and external, or simultaneous displays, battery gauge, speaker volume control, brightness and contrast

Easy Access Internet Buttons

The Armada M700 comes with four Easy Access Buttons designed to increase customer productivity by providing one-touch access to helpful Compaq information, favorite Internet destinations, files, or applications.

Pointing Device

EasyPoint IV™ 3D Pointing Stick

PC Card Slots

Two Type II/One Type III PC Card Slot(s) which support both 32-bit CardBus (Full support in Windows 9.x and Windows 2000) and 16-bit PC Cards; zoom video support in bottom slot.

Storage

Diskette Drives	1.44 MB
Optical Drives	24X CD-ROM Drive
	8X DVD-ROM Drive
Hard Drives	One of the following:
	20-GB SMART Ultra ATA/66 Hard Drive
	12-GB SMART Ultra ATA/66 Hard Drive
	10-GB SMART Ultra ATA/66 Hard Drive
	6-GB SMART Ultra ATA/66 Hard Drive

Standard Features

Multimedia

Compaq *Premier•Sound*™ for enhanced stereo audio
Integrated 16-bit Sound Blaster Pro-compatible stereo audio
Integrated stereo speakers and microphone
Software volume control
Headphone-out
Microphone-in
Software MPEG1 support, MPEG2 and DVD
8X DVD-ROM Drive with movie playback software*(on select models)*
24X Max CD-ROM Drive *(on select models)*
RCA CompositeTV-out port
2X AGP graphics
8MB SDRAM

Interfaces

PC Card	Two Type II/One Type III
Enhanced Parallel EPP/ECP	1 (can be used to connect external diskette drive)
Serial Port	1
TV out connector NTSC/PAL	1
External Monitor	1
PS/2 External Keyboard/ Pointing Device	1 Supports Y-cable in order to attach both Keyboard and Mouse simultaneously
Expansion Base	1
Headphone/Line-out	1
Microphone in	1
DC Power	1
RJ-11 (modem)	1 (Model dependent)
RJ-45 (NIC)	1 (Model dependent)
Infrared Port	1 (4 Mb/s support) (IrDA 4 MB compliant. IR performance will vary depending on performance of IR peripherals and application used.)
USB Port	1
LED status indicators	7

Graphics

ATI Mobility Pro, 64-bit video graphics with 8-MB SDRAM for increased colour depth and graphics performance

Operating System – One of the following:

Windows 2000/Windows NT 4.0 (Dual Install)

Note: On Dual Install systems, the end user must make a one-time selection at initial start up. End users who need to change to another Operating System (OS) other than the one originally selected must obtain a new license for that OS.

Windows 98SE (Single Install)

Software

Compaq Insight Management Agents
Compaq Intelligent Manageability
Altiris eXpress
Diagnostics for Windows 2000, 9.x or NT
DVD Solution
Compaq Power Management
Compaq Security Management
Online Safety and Comfort Guide
Fax Central for Windows 2000, 98 and NT
Acrobat Reader
Reference Guide

Standard Features

System Recovery

Each unit is shipped with a CD kit for quick recovery (erases hard disk and restores manufacturer installed image) and software recovery (installs only selected standard software)

Intelligent Manageability

Compaq Intelligent Manageability, a key component of PC Lifecycle Solutions, is the broad set of manageability features found on all Compaq Deskpro desktops, Armada portables, Professional Workstation, and ProLiant server products. These best-in-class features on PC clients comply with industry standards, such as DMI and Wired for Management, while pioneering new ground in client manageability. Compaq introduced the industry's first line of manageable clients in 1995 and has been driving the industry ever since. With Compaq's lifecycle management philosophy, enterprises have all of the pieces for end-to-end management and proven tools for hassle-free management of PCs and significantly lower Total Cost of Ownership.

Intelligent Manageability offers solutions in the areas of Initial Configuration and Deployment, Asset Tracking and Security, Software Updating and Management, and Fault Notification and Recovery. For more information, visit our Web site: www.compaq.com/im.

Note: This Web site is available in English only.

Security

Configuration Control Hardware
Memory Change Alert
Ownership Tag
Set-up Password
Power-On Password
DriveLock
QuickLock
QuickBlank

Enabled for PC SmartCard options

Power Supply

External AC adapter, 6-foot power cord included. Total length including External AC adapter is 12 feet (3.66 Meters)

Battery

The Armada M700 offers an 8-cell standard Li-Ion battery, supplying battery life over 3.5 hours, depending on the exact configuration used. An optional 6-cell MultiBay battery is available, providing an additional 2.3 hours of battery life, using the configurations indicated below.

Note: Actual results may vary with individual usage. When tested in standard configuration, using the Ziff-Davis BatteryMark Test v3.0, the battery life of the Armada M700 PIII, 650MHz, Win98 model using the 8-cell battery will range over 3.5 hours. Standard configuration at time of announcement (03/06/00) is considered to be one battery, a 1024 x 768 (64K colours) 14.1-inch panel set at 50% brightness, 64-MB RAM and no drives other than the hard drive active.

Power Conservation

Intel SpeedStep™ technology (allows a Battery Optimized Mode where CPU draws 50% of normal power yet affords 70 to 80% of maximum PIII processing speed)

Hibernation
Instant-on via Standby
Pop-ups with three presets
One custom level of power conservation

ACPI compliant

MultiBay Devices

Supports swapping with power or in suspend mode under Windows 9.x, Windows 2000 and NT4.0
Supports Hot Swapping : CD-ROM, DVD-ROM, CD-RW, MultiBay Battery, Diskette Drive
Supports swapping with power or in suspend mode Secondary Hard Drive, 2X LS-120

Service and Support

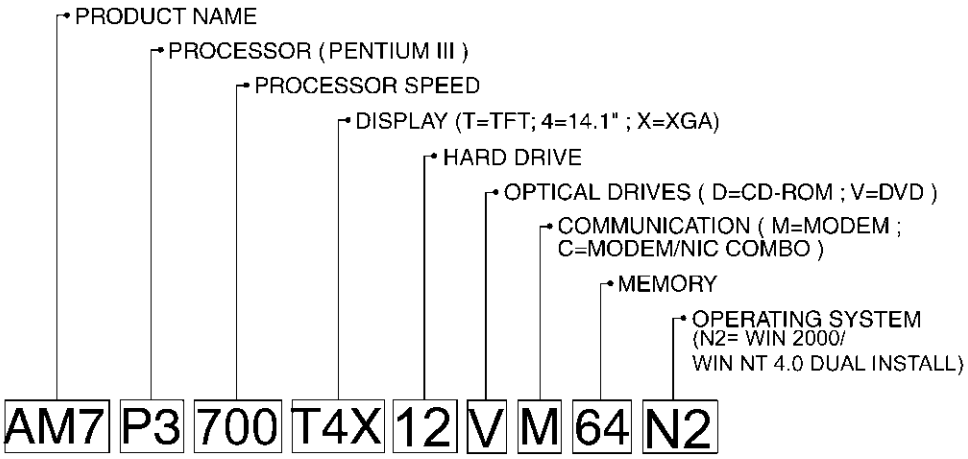
Compaq Services includes a three-year, Worldwide Limited Warranty, pick-up or carry-in, upgrade to on-site warranty or additional two-year warranty available, and toll-free 7 x 24 hardware technical phone support.

Note: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details. In Canada, consult the Product Information Centre at 1-888-88-COMPAQ.

Standard Features

Model Naming Convention

Etymology of a Model Name:


PRODUCT NAME
PROCESSOR (PENTIUM III)
PROCESSOR SPEED
DISPLAY (T=TFT; 4=14.1" ; X=XGA)
HARD DRIVE
OPTICAL DRIVES (D=CD-ROM ; V=DVD)
COMMUNICATION (M=MODEM ; C=MODEM/NIC COMBO)
MEMORY
OPERATING SYSTEM (N2= WIN 2000/ WIN NT 4.0 DUAL INSTALL)
AM7 P3 700 T4X 12 V M 64 N2

Standard Features

Models				
AM7 P3850T4X20VC12898	**Display**	14.1-inch colour TFT XGA	**Optical Drive**	8X DVD-ROM Drive IDE
470006-421	**Processor**	Intel Pentium III 850-MHz	**Hard Drive**	20-GB SMART
	Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem / 10/100 TX NIC Combo
	Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
	Standard	128 MB	**Audio**	Compaq *Premier•Sound*™
	Maximum	576 MB	**Software**	Windows 98
AM7 P3850T4X20VC128N2	**Display**	14.1-inch colour TFT XGA	**Optical Drive**	8X DVD-ROM Drive IDE
470006-422	**Processor**	Intel Pentium III 850-MHz	**Hard Drive**	20-GB SMART
	Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem / 10/100 TX NIC Combo
	Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
	Standard	128 MB	**Audio**	Compaq *Premier•Sound*™
	Maximum	576 MB	**Software**	Windows 2000/ NT4.0 Dual Install
AM7P3700T3X10DC6498	**Display**	13.3-inch colour TFT XGA	**Optical Drive**	24X CD-ROM Drive IDE
470006-990	**Processor**	Intel Pentium III 700-MHz	**Hard Drive**	10-GB SMART
	Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem / 10/100 TX NIC Combo
	Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
	Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
	Maximum	576 MB	**Software**	Windows 98
AM7 P3700T3X10DC64N2	**Display**	13.3-inch colour TFT XGA	**Optical Drive**	24X CD-ROM Drive IDE
470006-992	**Processor**	Intel Pentium III 700-MHz	**Hard Drive**	10-GB SMART
	Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem / 10/100 TX NIC Combo
	Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
	Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
	Maximum	576 MB	**Software**	Windows 2000/ NT4.0 Dual Install
AM7 P3750T4X12VC6498N	**Display**	14.1-inch colour TFT XGA	**Optical Drive**	8X DVD-ROM Drive IDE
206647-002	**Processor**	Intel Pentium III 750-MHz	**Hard Drive**	12-GB SMART
	Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem / 10/100 TX NIC Combo
	Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
	Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
	Maximum	576 MB	**Software**	Windows 98
AM7 P3750T4X12VC12N2	**Display**	14.1-inch colour TFT XGA	**Optical Drive**	8X DVD-ROM Drive IDE
206647-008	**Processor**	Intel Pentium III 750-MHz	**Hard Drive**	12-GB SMART
	Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem / 10/100 TX NIC Combo
	Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
	Standard	128 MB	**Audio**	Compaq *Premier•Sound*™
	Maximum	576 MB	**Software**	Windows 2000/NT 4.0 Dual Install

Standard Features

AM7 P3700T4X12VC6498
205862-002

Display	14.1-inch colour TFT XGA	**Optical Drive**	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	**Hard Drive**	12-GB SMART
Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	576 MB	**Software**	Windows 98

AM7 P3700T4X12VC64N2
205862-008

Display	14.1-inch colour TFT XGA	**Optical Drive**	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	**Hard Drive**	12-GB SMART
Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	576 MB	**Software**	Windows 2000/NT 4.0 Dual Install

AM7 P3700T4X12VM6498
205861-002

Display	14.1-inch colour TFT XGA	**Optical Drive**	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	**Hard Drive**	12-GB SMART
Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem
Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	576 MB	**Software**	Windows 98

AM7 P3700T4X12VM64N2
205861-008

Display	14.1-inch colour TFT XGA	**Optical Drive**	8X DVD-ROM Drive IDE
Processor	Intel Pentium III 700-MHz	**Hard Drive**	12-GB SMART
Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem
Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	576 MB	**Software**	Windows 2000/NT 4.0 Dual Install

AM7 P3650T4X12DC6498
205859-002

Display	14.1-inch colour TFT XGA	**Optical Drive**	24X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	**Hard Drive**	12-GB SMART
Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	576 MB	**Software**	Windows NT 4.0

AM7 P3650T4X6DC64N2
205859-008

Display	14.1-inch colour TFT XGA	**Optical Drive**	8X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	**Hard Drive**	6-GB SMART
Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem / 10/100 TX NIC Combo
Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	576 MB	**Software**	Windows 2000/NT 4.0 Dual Install

Standard Features

AM7 P3650T4X12DM6498
205858-002

Display	14.1-inch colour TFT XGA	**Optical Drive**	24X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	**Hard Drive**	6-GB SMART
Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem
Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	576 MB	**Software**	Windows 98

AM7 P3650T4X6DM64N2
205858-008

Display	14.1-inch colour TFT XGA	**Optical Drive**	8X Max CD-ROM Drive IDE
Processor	Intel Pentium III 650-MHz	**Hard Drive**	6-GB SMART
Cache Memory	256-KB integrated	**Modem**	Mini-PCI v.90 modem
Memory		**Graphics**	64-bit video graphics with 8-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	576 MB	**Software**	Windows 2000/NT 4.0 Dual Install

Options

Memory

64-MB 100MHz Memory Upgrade	400312-B21
128-MB 100MHz Memory Upgrade	400313-B21
256-MB 100MHz Memory Upgrade	161554-B21

(Due to the non-industry standard nature of some third-party Memory modules, we strongly recommend using only Compaq branded Memory modules to ensure compatibility.)

Monitors

TFT8020 Flat Panel Colour 18-inch (carbon)	159244-001
TFT5010 Flat Panel Colour 15-inch (carbon)	154486-001
TFT5005 Flat Panel Colour 15-inch (carbon)	201430-001
V710 Colour 17-inch	187895-001
P1100 Colour 21-inch	325606-001
S910 Colour 19-inch	138485-001

MultiBay Hard Drives

30-GB SMART Ultra Hard Drive	212791-B25
20-GB SMART Ultra Hard Drive	212790-B25
10-GB SMART Ultra Hard Drive	212789-B25
12-GB SMART Ultra Hard Drive	163531-B25
12-GB SMART Ultra Hard Drive Upgrade (Armada M700) with MultiBay system adapter	206637-B25
6-GB SMART Ultra Hard Drive	173395-B25

MultiBay Storage Devices

SuperDisk 2X LS-120 Drive	197895-B25
24X CD-ROM Drive	298452-B25
8X DVD-ROM Drive	138230-B25
CD-RW Drive	136186-B25

Connectivity

1394 PC Card	177593-B25

For additional compatible PC Cards, view the Compaq PC Card Solutions List on the Compaq Web site at: http://www.compaq.com/support/techpubs/pcmcia/

Note: This Web site is available in English only.

Note: Designed only to allow faster downloads from v.90 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions.

Wireless Connectivity

Compaq WL100 11 Mbps Wireless LAN PC Card	146927-001
Compaq WL400 11 Mbps Wireless LAN Hardware Access Point	158603-001
Compaq WL300 Software Access Point 11Mbps	157209-B21

For more information on Compaq WLAN Wireless LAN solutions visit:
http://www.compaq.com/products/wlan/wl100-specifications.html

Note: This Web site is available in English only.

Expansion Bases

ArmadaStation EM	383500-001
ArmadaStation EM With Intel NIC	120266-001
ArmadaStation Tower Stand	123129-B25
Convenience Base EM	382500-001
Convenience Base EM With Intel NIC	120971-001
Convenience Base Monitor Stand	122931-B25
Port Replicator EM	382300-001
PCI Cardbus Reader	127397-B25

Options

Power	
Primary Battery (8-cells)	134111-B21
Common Armada Power Solutions – Armada E500, Armada M300 and Armada M700	
MultiBay Battery (6-cells)	387937-B25
External Battery Charger	135555-001
AC Adapter 50W	120765-001
Auto Power Adapter/ Charger	401043-B25
Aircraft Power Adapter	386504-B21
AC Line Cord (10-ft/3.1 m)	217932-002
Input Devices	
External Enhanced III Keyboard (Carbon)	118003-008
Compaq 2 Button Mouse (Carbon)	103180-B21
External 10-Key Numeric Keypad (carbon)	294317-B21
Compaq Scroll Mouse	170299-B21
Security	
Security Cable Lock	294316-B21
Compaq Smart Card PC Card Reader	135646-B25
Useful Accessories	
Compaq Armada Headset with microphone	220460-001
MP1400 Microportable Projector	174626-004
MP1800 Microportable Projector	180226-001
MP2800 Microportable Projector	180228-001
Multimedia Adapter & Remote Kit for the MP1400 (*included with the MP1800*)	174963-001
MP1800/1400 Lamp replacement kit	189789-001
MP2800 Lamp replacement kit	215464-001
Carrying Cases	
Compaq Value Case	294266-B21
Compaq Workstation Case	294267-B21
Compaq Global Case	294268-B21
Compaq Professional Case (nylon)	401366-B21
Compaq Professional Case (leather)	401367-B21
Armada M300 and Armada M700 specific	
Compaq M Series Portfolio Case	167337-B21
Compaq Ultralight Case	167336-B21
For additional Compaq Brand cases, call 1-800-888-5903.	

Memory

Compaq Armada M700

STANDARD MEMORY

64-MB SDRAM installed on the System Board

Standard	Slot 1	Slot 2
64 MB	Empty	Empty
128 MB	64 MB	Empty

STANDARD MEMORY PLUS OPTIONAL MEMORY

Support for up to 576 MB of SDRAM memory is available with the installation of optional SDRAM Memory Kits in addition to the 64-MB SDRAM on the System Board.

Up To	Slot 1	Slot 2
192 MB	64 MB	64 MB
256 MB	64 MB	128 MB
384 MB	64 MB	256 MB
448 MB	128 MB	256 MB
320 MB	128 MB	128 MB
384 MB	256 MB	64 MB
576 MB	256 MB	256 MB

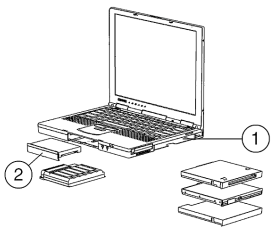
Note: This chart does not represent all possible memory configurations. Due to the non-industry standard nature of some third-party 256 MB Memory modules, we strongly recommend using only Compaq branded 256 MB Memory modules to ensure compatibility.

Following are memory options available from Compaq:

- 256-MB Memory Upgrade 161554-B21
- 128-MB Memory Upgrade 400313-B21
- 64-MB MHz Memory Upgrade 400312-B21

Note: Due to the non-industry standard nature of some third-party Memory modules, we strongly recommend using only Compaq branded Memory modules to ensure compatibility.

Storage



1 MultiBay
2 Dedicated hard drive bay

DRIVE SUPPORT

	Quantity Supported	Drive Bay Supported
Removable Media		
1.44-MB Diskette Drive	1	MultiBay
24X Max CD-ROM Drive	1	MultiBay
8X DVD-ROM Drive	1	MultiBay
CD-RW Drive	1	MultiBay
MultiBay Diskette Drive	1	MultiBay; External (through parallel port cable)
SuperDisk 2X LS-120	1	MultiBay
Hard Drives		
20-GB SMART Hard Drive	2	Dedicated hard drive bay
10-GB SMART Hard Drive	2	Dedicated hard drive bay

Technical Specifications

System Unit

Dimensions (HxWxD)	
14.1-inch TFT panel display	12.4 x 9.8 x 1.2 in/31.4 x 24.9 x 3.048 cm
13.3-inch TFT panel display	12.4 x 9.8 x 1.2 in/31.4 x 24.9 x 3.048 cm
Weight	
14.1-inch TFT panel display/weight saver	5.1 lbs/2.3 kg
13.1-inch TFT panel display/weight saver	4.8 lbs/2.2 kg
Stand-Alone Power Requirements	
Nominal Operating Voltage (Li-Ion)	14.4V (8-cell), 10.8V (6-cell)
Average Operating Power	15W
Peak Operating Power	30W
Power Supply	
Rated Input Voltage	90 to 264 VAC (auto-switching)
Rated Input Current	< 60W
Rated Frequency	47 to 63 Hz
Temperature	
Operating	50° to 95°F/10° to 35°C
Non-operating	–4° to 140°F /–20° to 60°C
Relative Humidity (non-condensing)	
Operating	10% to 90% relative humidity, non-condensing
Non-operating	5% to 95% relative humidity, 101.6°F/38.7°C Maximum wetbulb temperature
Shock	
Operating	10 G, 11 ms, half-sine
Non-operating	60 G, 11 ms, half-sine
Vibration	
Operating	0.5 G zero-to-peak, 10 to 500 Hz, 0.25 oct/min sweep rate
Non-operating	1.0 G, zero-to-peak, 10 to 500 Hz, 0.5 oct/min sweep rate
Maximum Altitude (unpressurized)	
Operating	0-10,000 ft/(0 to 3,048 m)
Non-operating	0-30,000 ft/(0 to 9,144 m)

Technical Specifications

14.1-Inch Colour TFT XGA Display	**Dimensions** (HxW)	11.22 x 8.46 in/28.5 x 21.5 cm
	Diagonal Size	14.1 in/35.81 cm
	Mounting	Internal Panel Supports, Side Mounted
	Number of Colours	Up to 16.8M
	Contrast Ratio	150:1
	Brightness	120nt typ
	Pixel Resolution	
	Pitch	0.264 x 0.264 mm
	Format	1024 x 768
	Configuration	RGB stripe
	Backlight	Edge Lit
	Character Display	80 x 25
	Total Power Consumption	4.2W
13.3-Inch Colour TFT XGA Display	**Dimensions** (HxW)	10.6 x 8 in/26.9 x 20.3 cm
	Diagonal Size	13.3 in/33.8 cm
	Mounting	Internal Panel Support
	Number of Colours	Up to 16.8M
	Contrast Ratio	150:1
	Brightness	120nt typ
	Pixel Resolution	
	Pitch	0.264 x 0.264 mm
	Format	1024 x 768
	Configuration	RGB Stripe
	Backlight	Edge Lit
	Character Display	80 x 25
	Total Power Consumption	4.2W

Technical Specifications

Hard Drives

20 GB	**Capacity**	20 GB	**Seek Time** (typical reads, including settling)	
	Height	0.374 in/9.5 mm	Single Track	3 ms
	Width	2.75 in/70 mm	Average	12 ms
	Interface	ATA	Max	23 ms
	Transfer Rate		Rotational Speed	4,200 rpm
	Synchronous (Maximum)	66.6 MB/s (Drive Capability)	**Logical Blocks**	~ 39,070,080
			Operating Temperature	41° to 131°/5° to 55°C
	Security	ATA Security		

12 GB	**Capacity**	12 GB	**Seek Time** (typical reads, including settling)	
	Height	0.5 in/12.5 mm	Single Track	2.5 ms
	Width	2.75 in/70 mm	Average	12 ms
	Interface	ATA	Full-Stroke	23 ms
	Transfer Rate		Rotational Speed	4200 rpm
	Synchronous (Maximum)	33.3 MB/s	**Operating Temperature**	41° to 131°/5° to 55°C

10 GB	**Capacity**	10 GB	**Seek Time** (typical reads, including settling)	
	Height	0.5 in/9.5 mm	Single Track	3 ms
	Width	2.75 in/70 mm	Average	12 ms
	Interface	ATA-4	Max	23 ms
	Transfer Rate		Rotational Speed	4,200 rpm
	Synchronous (Maximum)	66.6 MB/s	**Logical Blocks**	~ 19,792,896
			Operating Temperature	41° to 131°/5° to 55°C
	Security	SMART& DriveLock		

6 GB	**Capacity**	6 GB	**Seek Time** (typical reads, including settling)	
	Height	0.4 in/9.5 mm	Single Track	4 ms
	Width	2.75 in/70 mm	Average	13 ms
	Interface	ATA	Full-Stroke	23 ms
	Transfer Rate		Rotational Speed	4200 rpm
	Synchronous (Maximum)	33.3 MB/s	**Operating Temperature**	41° to 131°F/5° to 55°C

Technical Specifications

Diskette Drive	**Diskette Size**	3.5 in
	Light	On system
	Height	0.5 in/12.7 mm
	Bytes per Sector	512
	Sectors per track	
	High density	18 (1.44 MB)/15 (1.2 MB)
	Low density	9
	Tracks per side	
	High density	80 (1.44 MB)/80 (1.2 MB)
	Low density	80
	Read/Write heads	2
	Access Times	
	Track-to track (high/low)	3 ms/6 ms
	Average (high/low)	94 ms/174 ms
	Settling time	15 ms
	Latency average	100 ms
External AC Adapter	**Dimensions** (HxWxL)	1.15 x 2.375 x 1.4 in/2.92 x 6.03 x 3.6 cm
	Weight	0.66 lb/0.3 kg
	Power Supply (Input)	
	Operating Voltage	90 to 260 VAC RMS
	Operating Current	1.1 A RMS
	Operating Frequency Range	47 to 63 Hz AC
	Maximum Transient	4/50 kV
Li-Ion Battery Pack (8-cell)	**Dimensions** (HxWxL)	4.79 X 4.17 X 0.79 in/121.7 x 106 x 20 mm
	Weight	0.97 lb/0.44 kg
	Energy	
	Voltage	14.8 V
	Amp-hour capacity	3.2 Ah
	Watt-hour capacity	47.4Wh
	Temperature	
	Operating	32° to 104°F/0° to 40°C
	Non-operating	32° to 140°F/0° to 60°C

Technical Specifications

24X Max CD-ROM Drive

Applicable Disk	CD-ROM (Mode 1, 2 and 3), CD-XA ready (Mode 2, Form 1 and 2), CD-I ready (Mode 2, Form 1 and 2), CD-R (read only), CD Plus, Photo CD (Single and Multi-session), CD-Extra, Video CD, CD-WO (fixed packets only), CD-Bridge
Center Hole Diameter	0.59 in/15 mm
Disk Diameter	12 cm, 8 cm
Disk Thickness	1.2 mm
Track Pitch	1.6 µm
Access Times (typical reads, including settling)	
Random	< 150 ms
Full-Stroke	< 300 ms
Audio Output Level	
Line-out	0.7 Vrms
Cache Buffer	128 KB
Data Transfer Rate (typical, including settling)	
Sustained (16X)	150 KB/s (sustained 1X)
Variable	1500 to 3600 KB/s (10X to 24X)
Normal PIO Mode 4 (single burst)	16.66 MB/s
Start-up Time	< 8 sec
Stop Time	< 4 sec

8X DVD-ROM Drive

Center Hole Diameter	0.59 in/0.39 cm
Disk Diameter	12 cm/8 cm
Disk Thickness	1.2 mm
Track Pitch	0.74 µm
Access Times (typical reads, including settling)	
Random	< 150 ms
Full-Stroke	< 225 ms
Audio Output Level	
Line out	0.7 Vrms
Cache Buffer	128 KB/s (minimum)
Data Transfer Rate (typical, including settling)	
Sustained (16X)	150 KB/s
Sustained 4X DVD	5,520 KB/s
Normal PIO Mode 4 (single burst)	16.6 MB/s
Start-up Time	< 15 sec
Stop Time	< 6 sec

Technical Specifications

Compaq 56K(V.90) plus Intel PRO/100+ Mini PCI

Form Factor	Mini-PCI Type 1B per Specification
OS Support (with all released Service Packs)	Windows 98 (Gold, SE) Windows NT4.0, Windows 2000, DOS Application Support under Windows
Power Management Support	APM Revision 1.2, ACPI, Compaq Power Management Extensions for Windows NT
Approvals/Certifications	UL, CSA, NEMKO, CCIB, Industry Canada, FCC Part 68, CTR21, FCC Part 15 Class B, Canadian ICES-003 Class B, C.I.S.P.R.22, Australian ACA, CE Mark, Other Countries
Modem Device Driver Name	Compaq 56K (V.90) Mini PCI
Data Mode Capabilities	V.90 (a-law, mu-law) K56flex (a-law, mu-law) V.8bis V.80 V42.bis, MNP5 (Compression) V.42 (LAPM, MNP2-4) (Error Correction) V.34 (file date: 10/96) Optional symbol rates: 2800, 3429 Asymmertric Symbol rates Synchronous primary channel data signaling rates: 3600, 31200 Automatic rate re-negotiation V.32bis V.32 V.23 V.22bis V.22 V.21 Bell 212A Bell 103J
Fax Mode Capabilities	TIA-578-S (Class 1) T.30, T.4 (Group 3) V.17 V.29 V.27ter V.21 Channel 2
Command Set	V.250 (Partial) TIA-602 Identification: +GMI, +GMM, +GMR Port control :+IPR, +ICF, +IFC, + Iirr Modulation: +MS, +MR, +MA Error control: +ES, +ER, +EB, +ESR, +ETBM Data compression: +DS, +DR V.251

Intel PRO/100+ Mini PCI

Ethernet Features	10 Mbps Ethernet: IEEE 802.3 standard 10Base T 100 Mbps Ethernet: IEEE 802.3u standard 100Base TX Full Duplex at 10 and 100Mbps Auto-Negotiation Wake on LAN from all power managed states, including soft off (S5) Boot on LAN from OFF Lower Power State on Link Loss
Data Link Layers	IEEE 802.2 LLC SNAP
Software support	Artisoft Lantastic 7.0, 8.0, Dedicated Server 1.1 Banyan 7.x, 8.5x IBM LAN Server Version 1.2, 1.3, 2.0, 4.0 Microsoft NT 3.51, NT 4.0. Windows 2000 Novell Netware 3.1x, 4.x, 5.x
Protocol support	TCP/IP Novell IPX/SPX and Microsoft compatible Novel IPX ODI Microsoft NetBEUI Sun Microsystems PC-NFS Banyan Vines Ethernet IBM DLC

Compaq recommends Windows 2000 Professional for business.

(C)2001 Compaq Computer Corporation. All rights reserved. Compaq is a trademark of Compaq Computer Corporation. The information in this publication is subject to change without notice. Printed in Canada.